2013 Structure Summary Report

Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District

Duck Creek Diversion Weir And Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	Α
	Metal Pipes	Α
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	Α
	Safety	Α
	Operation & Maintenance Manual	Α

2013 Structure Summary Report

Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District (cont.)

Mormon Slough Pumping Plant No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	Α
	Operation & Maintenance Manual	Α
	Plant Building	Α
	Communications	Α
	Safety	Α
	Cranes	N
	Pumps	Α
	Power	Α
	Motors, Engines, Fans & Gear Reducers	Α
	Pump Control Systems	Α
	Sumps/Wet Well	Α
	Trash Racks	Α
	Trash Rakes	N
	Sluice / Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Other Metallic Items	Α
	Flap Gates	Α
	Closure Structures	N
	Security Fencing	М
	Intake and Discharge Pipes	Α

Mormon Slough Pumping Plant No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	А
	Operation & Maintenance Manual	Α
	Plant Building	Α
	Communications	Α
	Safety	Α
	Cranes	N
	Pumps	Α
	Power	Α
	Motors, Engines, Fans & Gear Reducers	Α
	Pump Control Systems	Α
	Sumps/Wet Well	Α
	Trash Racks	Α
	Trash Rakes	N
	Sluice / Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Other Metallic Items	Α
	Flap Gates	Α
	Closure Structures	N
	Security Fencing	Α
	Intake and Discharge Pipes	Α

Flood Control Project Maintenance

2013 Structure Summary Report

Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District (cont.)

Mormon Slough Pumping Plant No. 3

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	Α
	Operation & Maintenance Manual	Α
	Plant Building	Α
	Communications	Α
	Safety	Α
	Cranes	N
	Pumps	Α
	Power	Α
	Motors, Engines, Fans & Gear Reducers	Α
	Pump Control Systems	Α
	Sumps/Wet Well	Α
	Trash Racks	Α
	Trash Rakes	N
	Sluice / Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Other Metallic Items	Α
	Flap Gates	Α
	Closure Structures	N
	Security Fencing	Α
	Intake and Discharge Pipes	Α

Unit Cover Sheet

2013 Structure Inspection Results

Structure	
Duck Creek Diversion Weir And Control Structure	

Structure Rating	Α
Date of Inspection	07/10/2013
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD
	Jay Jauregui

Levee Inspection Report By Mile - Structure 2013

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2013 07/10/2013	Pavel Kazi

LMR No.	Levee	Mile End	Category	Item	Rating *** Location	Action/Comment		de/Longitude End	Issue No.
1	0.00		Structures	Operation & Maintenance Manual	A	Inspector Comments: The LMA has the proper O&M manuals.	37.938383 ° -120.990133 °	37.938383 °	1
2	0.00	0.00	Structures	Vegetation & Obstructions	Α	Inspector Comments: There was minimal vegetation around the structure. The flow was not impeded.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
3	0.00	0.00	Structures	Shoaling / Sedimentation	Α	Inspector Comments: No shoaling or sediment was present.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
4	0.00	0.00	Structures	Erosion / Bank Caving	Α	Inspector Comments: No erosion or bank caving was observed on the side of the levee.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
5	0.00	0.00	Structures	Revetments	Α	Inspector Comments: Existing riprap protection was properly maintained.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
6	0.00	0.00	Structures	Encroachments	Α	Inspector Comments: No trash or debris was found around the structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
7	0.00	0.00	Structures	Culverts: Inlets / Outlets	Α	Inspector Comments: The culvert's inlet and outlet were free of any debris.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks	А	Inspector Comments: No visible cracks or holes were found that would result in significant water leakage in the culvert.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
9	0.00	0.00	Structures	Metal Pipes	Α	Inspector Comments: The corrugated pipes inside the culvert appeared to be in good condition.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
10	0.00	0.00	Structures	Trash Racks	N	Inspector Comments: This item does not apply to this inspection.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
11	0.00	0.00	Structures	Flap Gates	N	Inspector Comments: No flap gates were present at this structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
12	0.00	0.00	Structures	Sluice/Slide Gates	Α	Inspector Comments: The gates appeared to be in good working condition.	37.938383 ° -120.990133 °		
13	0.00	0.00	Structures	Electric Gate Operators	N	Inspector Comments: No electric gate operator was found at this structure.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
14	0.00	0.00	Structures	Manual Gate Operators	Α	Inspector Comments: The manual gate appeared to be operational.	37.938383 ° -120.990133 °	37.938383 ° -120.990133 °	
LS WS	cation S: Land S S: Water R C: Crown		**	Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	CO:C	artially Obstructing C : Corrected ompletely Obstructing ot Inspected, see Inspector Comment			
Ned	necday	Conton	nher 11 201	2 11.52		EINAL DATA		Pogo	1 of 5

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2013 07/10/2013	Pavel Kazi

LMR N	Levee		Category	Item	Rating ** Location	Action/Comment	GPS Latitude		No.
No.	Start	End	,		g		Start	End	Photo
15	0.00	0.00	Structures	Concrete Surfaces	Α	Inspector Comments: The concrete surfaces had minor cracking and the surface was weathered but they didn't pose any threats to the integrity of the structure.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
16	0.00	0.00	Structures	Concrete Tilting / Settlement	Α	Inspector Comments: No visible sliding or settlement was found on the structure.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
17	0.00	0.00	Structures	Concrete Foundations	Α	Inspector Comments: No scouring or erosion was found near the structure.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
18	0.00	0.00	Structures	Security Fencing	N	Inspector Comments: No security fence was found in this structure.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
19	0.00	0.00	Structures	Closure Structures	N	Inspector Comments: This item does not apply to this inspection.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
20	0.00	0.00	Structures	Trash Rakes	N	Inspector Comments: Trash rakes don't exist on this structure.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
21	0.00	0.00	Structures	Other Metallic Items	А	Inspector Comments: All metal parts appeared to be in good condition.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
22	0.00	0.00	Structures	Monolith Joints	Α	Inspector Comments: All the monolith joint materials appeared to be in good condition.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
23	0.00	0.00	Structures	Safety	Α	Inspector Comments: The wood railing top of the culvert appeared to provide adequate protection against fall hazards.	37.938383 ° -120.990133 ° -	37.938383 ° 120.990133 °	
24	0.00	0.00	Structures	Photo Documentation	N	Inspector Comments: Duck creek diversion structure works as a control weir for Duck creek channel and also diverts the overflow of the channel to Duck creek diversion channel which connects with South Little John creek.	37.938383 ° -120.990133 ° -′	37.938383 ° 120.990133 °	
24	0.00	0.00	Structures		N	works as a control weir for Duck creek channel and also diverts the overflow of the channel to Duck creek diversion			

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2013 07/10/2013	Pavel Kazi

Levee Mile Report Line	2				
Start Levee Mile	0.00				
End Levee Mile	0.00				
Location					
Category	Structures				
Item	Vegetation & Obstructions				
View of the vegetation around the structure looking downstream.					
pkazi t 20130722 202.JPG					

Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Revetments
View of the exisiting reve	tments.

pkazi_t_20130722_203.JPG			
Levee Mile Report Line	7		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Structures		
Item	Culverts: Inlets / Outlets		
View of the inlet of the culvert.			
pkazi_t_20130722_204.JPG			







WS : Water Side CR : Crown Wednesday, September 11, 2013 11:52

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2013 07/10/2013	Pavel Kazi

Levee Mile Report Line	7		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Structures		
Item	Culverts: Inlets / Outlets		
View of the outlet of the culvert.			
pkazi_t_20130722_205.JPG			

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Sluice/Slide Gates
View of the slide gate.	

pkazi	t	20130722	206.JPG
F			

pkazi_t_20130722_206.JPG	
Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Surfaces
View of the weir.	







* Location	
LS : Land Side	
WS · Water Side	

CR : Crown

pkazi_t_20130722_207.JPG

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/10/2013 07/10/2013	Pavel Kazi

Levee Mile Report Line	23		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Structures		
Item	Safety		
View of the railing top of the culvert.			
pkazi_t_20130722_208.JPG			

Levee Mile Report Line	24
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of the Duck Creek I	Diversion Weir
View of the Duck Creek I	Diversion Weir.





Unit Cover Sheet

2013 Pumping Plant Inspection Results

Pumping Plant	
Mormon Slough Pumping Plant No. 1	

Pumping Plant Rating	Α
Date of Inspection	07/19/2013
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD
	Jay Jauregui SJCFC

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/19/2013 07/19/2013	Pavel Kazi

LMR No.	Levee	Mile End	Category	Item	Rating ** Location	Action/Comment	GPS Latitude/Longitude	Issue No. Photo
1	0.00	0.00	Pump Stations	Operating Log	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Operating log was maintained and present at the pumping plant.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The O&M manual was located next to the operating log.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
3	0.00	0.00	Pump Stations	Plant Building	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was in good structural condition.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933	
4	0.00	0.00	Pump Stations	Communications	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: District personnel carry cell phones for communication.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
5	0.00	0.00	Pump Stations	Safety	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There were no safety hazards found around the structure and the guard rails around the structure were in good condition.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
6	0.00	0.00	Pump Stations	Cranes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No crane was present at this plant.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
7	0.00	0.00	Pump Stations	Pumps	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All pumps were appeared to be in working condition and they were maintained, lubricated and tested periodically.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
8	0.00	0.00	Pump Stations	Power	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable.	37.989633 ° 37.989633 ' -121.266933 ° -121.266933 '	
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The vent fan was operational.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
10	0.00	0.00	Pump Stations	Pump Control Systems	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pump control systems were maintained properly and appeared to be free of damage.	37.989633 ° 37.989633 ° -121.266933 °	
11	0.00	0.00	Pump Stations	Sumps/Wet Well	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The wet well was completely dry and very little debris was present during inspection.	37.989633 ° 37.989633 ° -121.266933 °	

Location	
LS : Land Side	
WS : Water Side	

** Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

C : Corrected

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FINAL DATA

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/19/2013 07/19/2013	Pavel Kazi

L								
LMR	Levee	Mile	Category	Item	Rating ** Location	Action/Comment	GPS Latitude/Longitude	Issue No.
No.	Start	End	Category	item	ng	Action/Comment	Start End	Photo
12	0.00	0.00	Pump Stations	Trash Racks	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash racks were properly maintained and clear of debris.	37.989633 ° 37.989633 ° -121.266933 ° -121.266933 °	
13	0.00	0.00	Pump Stations	Trash Rakes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes don't exist at this plant.	37.989633 ° 37.989633 ° -121.266933 °	
14	0.00	0.00	Pump Stations	Sluice / Slide Gates	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The slide gate appeared to be in good condition.	37.989633 ° 37.989633 ° -121.266933 °	
15	0.00	0.00	Pump Stations	Electric Gate Operators	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The Item does not apply to the pumping plant.	37.989633 ° 37.989633 ° -121.266933 °	
16	0.00	0.00	Pump Stations	Manual Gate Operators	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator was in good operational condition.	37.989633 ° 37.989633 ° -121.266933 °	
17	0.00	0.00	Pump Stations	Other Metallic Items	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All metal parts appeared to be in good condition.	37.989633 ° 37.989633 ° -121.266933 °	
18	0.00	0.00	Pump Stations	Flap Gates	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The flap gates appeared to be in good working condition.	37.989633 ° 37.989633 ° -121.266933 °	
19	0.00	0.00	Pump Stations	Closure Structures	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No closure structure was present at this plant.	37.989633 ° 37.989633 ° -121.266933 °	
20	0.00	0.00	Pump Stations	Security Fencing	М	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing appeared to be in good condition.	37.989633 ° 37.989633 ° -121.266933 °	
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes appeared to be in good working condition.	37.989633 ° 37.989633 ° -121.266933 °	

Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	1		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Operating Log		
View of the operation log in the plant.			
pkazi_t_20130722_230.JPG			

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operation & Maintenance Manual
View of the O&M manual	inside the plant.

nkazi t 20130722 231 JPG

pkazi_t_20130722_231.JPG				
Levee Mile Report Line	3			
Start Levee Mile	0.00			
End Levee Mile	0.00			
Location				
Category	Pump Stations			
Item	Plant Building			
View of the pumping plant.				







pkazi_t_20130722_232.JPG

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	5		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Safety		
View of the guard rails around the plant.			
pkazi_t_20130722_233.JPG			

Levee Mile Report Line	7	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Pumps	
View of pumps inside the plant.		

pkazi_t_20130723_234.JPG			
Levee Mile Report Line	11		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Sumps/Wet Well		
View of the dry wet well.			
pkazi_t_20130723_235.JPG			







PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
View of the trash racks.	
pkazi_t_20130723_236.JPG	
Laura Mila Danast Lina	4.4

Levee Mile Report Line	14	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Sluice / Slide Gates	
View of the slide gate well.		

pkazi_t_20130723_237.JPG

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
View of the manual gate.	







* Location
LS : Land Side
WS : Water Side

pkazi_t_20130723_238.JPG

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of the flap gates.	
pkazi_t_20130723_239.JPG	
Levee Mile Report Line	20

pkazi_t_20130723_239.JPG			
Levee Mile Report Line	20		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Security Fencing		
View of the security fence around the pumping plant.			
pkazi_t_20130723_240.JPG			





Unit Cover Sheet

2013 Pumping Plant Inspection Results

Pumping Plant		
Mormon Slough Pumping Plant No. 2		

Pumping Plant Rating	Α
Date of Inspection	07/19/2013
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD
	Jay Jauregui SJCFC

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/19/2013 07/19/2013	Pavel Kazi

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LMR No.	Levee	Mile	Category	Item	Rating ** Location	Action/Comment	GPS Latitud	e/Longitude End	No. Photo
1	0.00		Pump Stations	Operating Log	A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Operational log was present at the pump station.	37.982317 ° -121.249433 °	37.982317 °	
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: O&M manual was found at the plant next to the operating log during the inspection.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
3	0.00	0.00	Pump Stations	Plant Building	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was in good structural condition without any major cracks in the concrete.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
4	0.00	0.00	Pump Stations	Communications	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: District personnel carry cell phones.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	4
5	0.00	0.00	Pump Stations	Safety	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No safety hazard was found around the structure. All hand rails were in working condition.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
6	0.00	0.00	Pump Stations	Cranes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No crane exists at this plant.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	6
7	0.00	0.00	Pump Stations	Pumps	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pumps appeared to be well maintained and lubricated properly and the pumping system was tested periodically.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	
8	0.00	0.00	Pump Stations	Power	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The vent fan was operational during the inspection.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	10
10	0.00	0.00	Pump Stations	Pump Control Systems	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pump control system was maintained to be free of corrosion or any damage.	37.982317 ° -121.249433 °		
11	0.00	0.00	Pump Stations	Sumps/Wet Well	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The wet well appeared to be clear of excessive debris or sediments.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	

* Location	
* Location LS : Land Side WS : Water Side	
WS : Water Side	

** Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/19/2013 07/19/2013	Pavel Kazi

LMR	Levee	Mile	Catamani	lkama	Rating ** Location	Astion/Comment	GPS Latitud	e/Longitude	Issue No.
No.	Start	End	Category	Item	ing * tion	Action/Comment	Start	End	Photo
12	0.00	0.00	Pump Stations	Trash Racks	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash racks were properly maintained and free of any debris.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
13	0.00	0.00	Pump Stations	Trash Rakes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes are not installed in this facility.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
14	0.00	0.00	Pump Stations	Sluice / Slide Gates	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The slide gate appeared to be operational.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
15	0.00	0.00	Pump Stations	Electric Gate Operators	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item was not present at this location.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
16	0.00	0.00	Pump Stations	Manual Gate Operators	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator appeared to be in good condition.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
17	0.00	0.00	Pump Stations	Other Metallic Items	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All the metal parts appeared to be in good condition.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
18	0.00	0.00	Pump Stations	Flap Gates	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates were in good condition and showed no damage.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
19	0.00	0.00	Pump Stations	Closure Structures	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No closure structure was present at this plant.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
20	0.00	0.00	Pump Stations	Security Fencing	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was in good condition without any damage.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes were free of any breaks, holes or cracks.	37.982317 ° -121.249433 °	37.982317 ° 121.249433 °	

Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log
View of the operation log	inside the pumping plant.

pkazi_t_20130722_220.JPG

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operation & Maintenance Manual
View of the ORM menual	incide the numning

View of the O&M manual inside the pumping plant.

pkazi_t_20130722_221.JPG

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the pumping plan	nt.

pkazi_t_20130722_222.JPG







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Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Safety
View of the hand rails are	ound the pumping plant.
pkazi_t_20130722_223.JPG	

Levee Mile Report Line	7		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Pumps		
View of the pumps inside the pumping plant.			

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Levee Mile Report Line	10		
Start Levee Mile	0.00		
End Levee Mile	0.00		
Location			
Category	Pump Stations		
Item	Pump Control Systems		
View of the power control system.			

pkazi_t_20130722_225.JPG







* Location	
LS : Land Side	
WS : Water Side	

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of the wet well.	
pkazi_t_20130722_226.JPG	

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
View of the trash racks.	

pkazi	t	20130722	227.JPG

p	
Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sluice / Slide Gates
View of the slide gate.	







* Location	
LS : Land Side	
M/S · Mater Side	

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CR : Crown U : Unac Wednesday, September 11, 2013 11:52

Levee Inspection Report By Mile - Structure 2013

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	18			
Start Levee Mile	0.00			
End Levee Mile	0.00			
Location				
Category	Pump Stations			
Item	Flap Gates			
View of the flap gates.				
pkazi_t_20130722_229.JPG				



Unit Cover Sheet

2013 Pumping Plant Inspection Results

Pumping Plant	
Mormon Slough Pumping Plant No. 3	

Pumping Plant Rating	A
Date of Inspection	07/19/2013
DWR Inspector	Pavel Kazi
Accompanied By	Jim Caruso SJCFC&WCD
	Jay Jauregui SJCFC

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/19/2013 07/19/2013	Pavel Kazi

LMR	Levee	Mile	Category	Item	Rating ** Location	Action/Comment	GPS Latitud	de/Longitude	Issue No.
No.	Start	End	Calegory	item	ng	Action/Comment	Start	End	Photo
1	0.00	0.00	Pump Stations	Operating Log	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Maintenance log was present at the pumping plant.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The O&M manual was present at the pumping plant next to the operating log.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
3	0.00	0.00	Pump Stations	Plant Building	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building appeared to be in good structural condition.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
4	0.00	0.00	Pump Stations	Communications	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The district personnel carry cell phones.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	4
5	0.00	0.00	Pump Stations	Safety	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No safety hazard was found around the pumping plant and guard rails around the plant were in a good condition.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
6	0.00	0.00	Pump Stations	Cranes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There are no cranes in this plant.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
7	0.00	0.00	Pump Stations	Pumps	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All pumps were appeared to be in good condition and maintained properly.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
8	0.00	0.00	Pump Stations	Power	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumping motors appeared to be operational and lubrication was maintained on all the pumps.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
10	0.00	0.00	Pump Stations	Pump Control Systems	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pump control system appeared to be operational and free of damage.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	
11	0.00	0.00	Pump Stations	Sumps/Wet Well	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Wet well was clear of any excessive debris.	37.973983 ° -121.229967 °		

LS : Land Side	
WS : Water Side	
CD · Crown	

* Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

C : Corrected

FINAL DATA

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/19/2013 07/19/2013	Pavel Kazi

LMR	Levee	Mile	Category	Item	Rating ** Location	Action/Comment	GPS Latitud	e/Longitude	NO.
No.	Start	End	outogory	1.0111	ion	7 tottorii Commont	Start	End	Photo
12	0.00	0.00	Pump Stations	Trash Racks	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The trash racks were free of any debris.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	
13	0.00	0.00	Pump Stations	Trash Rakes	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item does not exist at this location.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	14
14	0.00	0.00	Pump Stations	Sluice / Slide Gates	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Slide gates appeared to be free of sediment and obstructions.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	
15	0.00	0.00	Pump Stations	Electric Gate Operators	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item does not exist at this location.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	
16	0.00	0.00	Pump Stations	Manual Gate Operators	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate appeared to be in good working condition.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	17
17	0.00	0.00	Pump Stations	Other Metallic Items	Α	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Other metalic parts within the pumping plant appeared to be in a good condition.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	
18	0.00	0.00	Pump Stations	Flap Gates	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates were appeared to be in good condition.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	
19	0.00	0.00	Pump Stations	Closure Structures	N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item does not exist at this location.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	20
20	0.00	0.00	Pump Stations	Security Fencing	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was undamaged and prevented unauthorized access.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	21
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes	А	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pipes appeared to be in good condition.	37.973983 ° -121.229967 °	37.973983 ° 121.229967 °	22

^ Location	
LS : Land Side	
WS : Water Side	

Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
N: Not Inspected, see Inspector Comment

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log
View of the operating log	inside the pumping plant.

pkazi_t_20130722_209.JPG

Levee Mile Report Line	2			
Start Levee Mile	0.00			
End Levee Mile	0.00			
Location				
Category	Pump Stations			
Item	Operation & Maintenance Manual			
View of the ORM manual inside the numbing				

View of the O&M manual inside the pumping plant.

pkazi_t_20130722_210.JPG

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the pumping plar	nt.

pkazi_t_20130722_211.JPG







* Location

LS : Land Side

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment

C : Corrected

 WS : Water Side
 M : Minin U : Unac

 CR : Crown
 U : Unac

 Wednesday, September 11, 2013
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Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	5	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Safety	
View of the guard rails around the pumping plant.		

pkazi_t_20130722_219.JPG

Levee Mile Report Line	7	
Start Levee Mile	0.00	
End Levee Mile	0.00	
Location		
Category	Pump Stations	
Item	Pumps	
View of the movement inside the movement related		

View of the pumps inside the pumping plant.

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Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the newer centre	Levetome incide the

View of the power control systems inside the plant.

pkazi_t_20130722_214.JPG







* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment

C : Corrected

Wednesday, September 11, 2013 11:52

Levee Inspection Report By Mile - Structure 2013

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of wet well.	
pkazi_t_20130722_215.JPG	

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
View of the trash racks.	

pkazi t	20130722	216.JPG

pkazi_t_20130722_216.JPG	
Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sluice / Slide Gates
View of the slide gate.	
pkazi t 20130722 217.JPG	







* Location	
LS : Land Side	
WS · Water Side	

CR : Crown Wednesday, September 11, 2013 11:52

Levee Inspection Report By Mile - Structure 2013

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/19/2013 07/19/2013	Pavel Kazi

Levee Mile Report Line	10
Levee Wille Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of the flap gates.	
pkazi_t_20130722_218.JPG	

